

ELEK, T., dr. (Budapest, Muegyetem rakpart 3)

On the ideologic questions of the present physics; on the 50th anniversary of the publication of a meaningful philosophical work.  
Periodica polytechn electr 3 no.3:259-274 '59. (EEAI 10:1)  
(Lenin, Vladimir Il'ich)  
(Communism) (Physics)

ELEK, T.

On the ideologic problems of presentday physics: 50th anniversary  
of the publication of a meaningful philosophical work. Periodica  
polytechn eng 3 no.3:273-288 '59. (EEAI 9:7)  
(Lenin, Vladimir Il'ich)  
(Dialectical materialism)  
(Physics)

ELEK, T., Dr.; BODNAR, I.

An effort of attacking by "fideism" the scientific conception of material, space and time; an excerpt from the periodical "Technischen Rundschau" dealing with philosophy. Periodica polytechn eng 5 no.1: 79-95 '61.

1. Lehrstuhl für Marxismus-Leninismus, Technische Universität, Budapest.

(Philosophy) (Dialectical materialism)

ELEK, T., dr. (Budapest XI., Muegyetem rakpart 3)

Situation and significance of measurement and instrumental observation in physical knowledge (Excerpts from a study Contribution to Some Questions of the Role of Measurement and Measuring Instruments in the Theory of Knowledge). Periodica polytechn electr 5 no.2: '61.

1. Lehrstuhl fur Marxismus-Leninismus, Technische Universitat.

ELEK, T., prof. (Budapest XI., Muegyetem rkp.3.Ungarn.)

The epistemological conception of Albert Einstein and the philosophical content of the theory of relativity. Periodica polytechnica 5 no.3:239-262 '61.

1. Lehrstuhl for Marxismus-Leninismus, Technische Universitat, Budapest.

(Relativity(Physics)) (Einstein, Albert)

ELEX, T.

A. Einstein's gnesiological concept and the theory of relativity.  
Periedica polytechn chem 5 no.3:245-266 '61.

1. Member, Editorial Beard, "Periedica Polytechnica; Chemical  
Engineering".

ELEK, T., dr. (Budapest XI., Magyarétem rakpart 3)

Once again : on the question of philosophical contents of the theory of relativity. Periodica polytechn electr 6 no.2:149-183 '62.

1. Mitglied der Schriftleitung, "Periodica Polytechnica - Electrical Engineering-Elektrotechnik".

EIEK, T., prof. (Budapest, Xi., Muegyetem rakpart 3)

Some ideological problems in teaching physics at college level.  
Periodica polytechn electr 6 no.4:271-310 '62.

1. Lehrstuhl fur Marxismus-Leninismus, Technische Universitat,  
Budapest; Mitglied, Redaktionskollegium, "Periodica Polytechnica  
Electrical Engineering."



ELEK, Tibor, dr., tanszekvezeto egyetemi tanar, kandidatus (Budapest)

Physics and epistemology. I. Term tud kozl 6 no. 5: 193-196 My '62.

ELEK, Tibor, dr., tanszekvezeto egyetemi tanar, kandidatus (Budapest)

Physics and theory of knowledge.II. Term tud kozl 6 no.6:  
258-261 Je '62.

ELEK, Tibor, a filozofiai tudományok kandidátusa, egyetemi tanár

Once again on the philosophical content of the theory of relativity.  
Magy tud 69 no.6/7:341-357 Je-Jl '62.

1. Budapesti Műszaki Egyetem.

ELEK, Tibor, dr., egyetemi tanár; VADASZ, Elemer, dr., kétszeres Kossuth-díjas akadémikus, egyetemi tanár; TORO, Imre, dr., Kossuth-díjas akadémikus, egyetemi tanár; ANJESZKY, László, dr., a fizikai tudományok kandidátusa; VARTERESZ, Vilmos, dr.; DOMBAI, Tibor; ALMAR, Ivan, dr., a fizikai tudományok kandidátusa

Hungarian scientists' views on the high-atmospheric nuclear tests. Term tud közl 6 no.8:337-339 Ag '62.

1. Budapesti Műszaki Egyetem tudományos rektorhelyettese (for Elek). 2. Budapesti Orvostudományi Egyetem rektora, és "Természettudományi Közöny" szerkesztő bizottsági elnöke (for Toro). 3. Országos Meteorológiai Intézet tudományos osztályvezetője, és "Természettudományi Közöny" szerkesztő bizottsági tagja (for Anjeszky). 4. Frederic Joliot-Curie Központi Sugárbiológiai Kutató Intézet igazgatója, az Országos Bektanács Elnökségének tagja (for Varteresz). 5. Magyar Állami Eötvös Loránd Geofizikai Intézet igazgatója (for Dombai). 6. Tudományos Ismeretterjesztő Társulat Budapesti csillagászati és űrhajózási szakosztályának elnöke (for Almar).

ELEK, Tibor, a filozofiai tudományok kandidátusa, egyetemi tanár

Is the concept of space-time continuum a realistic abstraction?  
Magy tud 69 no.8:477-491 Ag '62.

1. Budapesti Műszaki Egyetem.

ELEK, Tibor, prof., dr. (Budapest, XI., Muegyetem rakpart 3); REGENI, Gizella,  
dr. (Budapest, XI., Muegyetem rakpart 3)

Problems of training scientific cadres at Budapest Technical  
University. Periodica polytechn eng 8 no.1:77-85 '64.

1. Mitglied, Redaktionskollegium, "Periodica Polytechnica-  
Engineering", (for Elek). Submitted November 12, 1963.

ELEK, Tibor, prof., dr. (Budapest, XI., Muegyetem rakpart 3)

Theory of relativity and atheism. Periodica polytechn  
electr 8 no.2:165-179 '64.

1. Lehrstuhl fur Marxismus-Leninismus, Technische Universitat,  
Budapest, und Mitglied, Redaktionskollegium, "Periodica Poly-  
technical; Electrical Engineering."

L 64109-65

ACCESSION NR: AP5022153

RU '0021 '64 '65

radiologiya, no. 5, 1964, 267-269

radiology, iodine, isotope, chemical anal.  
analytical



VASILEV, G.; NEMKOV, D.; RILEY, N.L.

Active form of a manganese complex for the non-catalytic  
method of sulfur dioxide oxidation in acid solutions. Chem.  
Abstr. 89 20:932286-2288 S 1965. (MIRA 18:10)

L. Moskovsky Tekhnologicheskij Institut Legkoy Promyshlennosti.

ELENCHEV, T.

STANEV, V., ELENCHEV, T.

~~lymphangitis carcinomatosa~~  
Lymphangitis carcinomatosa of the lung. Suvrem.med., Sofia 5 no.10:  
126-130 1954.

1. Iz Tsentralna voenen gosptial i Instituta po rentgenologija pri  
Med. akademiia Vulko Chervenkov, Sofia.

(LUNGS, neoplasms,  
lymphangitis carcinomatosa)

ELENCHEV, T.; KIROV, P.

Treatment of pulmonary actinomycosis. Suvrem. med., Sofia  
7 no.9:72-75 1956.

1. Iz Katedrata po rentgenologija i radiologija pri VMI - Sofia  
(Zav. katedrata: prof. A. Nikolaev).

(ACTINOMYCOSIS,

lungs, diag. & ther.)

(LUNG DISEASES

actinomycosis, daig. & ther.)

DIMOV, I.; ELENCHKEV, T.; SPASOV, K.

Treatment of lung abscess. Khirurgia, Sofia 10 no.2:122-130  
1957.

1. Visssh meditsinski institut - Sofia katedra po ushni, nosni  
i gurleni bolesti Zav. katedrata: prof. G. Iankov katedra po  
rentgenologiya i radiologiya Zav. katedrata: prof. A. Nikolaev,  
(LUNGS, abscess  
management (Bul))

NIKOLAEV, A., Prof.; ELENCHIEV, T.

Sclerosing osteitis of ilium. Khirurgia, Sofia 10 no.7:596-604 1957.

1. Vissh meditsinski institut--Sofia katedra po rentgenologiya i radiologiya Zav. katedrata: prof. A. Nikolaev.

(ILLIUM, dis.

osteitis condensans (Bul))

(OSTEITIS, case report

condensans ilii (Bul))

ELENCHEV, T.

Roen'genological therapy of osteoarthrosis deformans by the irradiation of the adrenal gland. Khirurgiia, Sofia 14 no.5/6:493-500 '61.

1. Visssh meditsinski institut, Sof'ia. Katedra po rentgenologiya i radiologiya. Zav. katedrata prof. A. Nikolaev.

(OSTEOARTHRITIS radiother)  
(ADRENAL GLAND radiation eff)

NIKOLAEV, A.; PESHEV, Iv.; ELENCHIEV, T.

On calcified echinococcal cysts localized in abdominal tissues and organs. Khirurgiia (Sofia) 14 no.10:873-882 '61.

1. Vissh meditsinski institut, Sofia katedra po rentgenologiya i radiologiya Zav. katedrata: prof. A. Nikolaev.

(ABDOMEN dis) (ECHINOCOCCOSIS radiog)

ELEKES, Andras, okleveles banyamernok

Tamas Schmetzer, 1905-1959; obituary. Bany lap 93 no.3:214-215  
Mr '60.

1. Nehesipari Miniszterium Szenbanyaszati Foosztalyanak  
helyetes vezetoje.



ELEKES, Andras, okleveles banyamernok

Certain technical and economic achievements due to the concentration in deep mining, 1958-1962. Bany lap 96 no.11: 878-881 N '63.

1. Banyaszati Kutato Intezet, Budapest.

ELEKES, Carol, ing.;PALLA, Iosif

Determination of the static and dynamic rigidity of lathes. Constr.  
mas 16 no.7:382-393 J1 '64.

ELEKES, Gyula, dr., foeloado

Responsibility of the Hungarian State Railways in the nonobservance of the deadline in luggage and express goods transportation. Kozleked kozl 21 no.5:80-85 31 Ja '65.

1. Hungarian State Railways, Budapest.

ELEKES, Istvan, dr.; ESZ, Karoly; JASZBERENYI, Karoly

The new charges for transportating wood materials and their effect. Faipar 10 no.2:46-55 F '60.

Card 1/2

100-110-65

ACCESSION NO: AFS022152

ORIGIN: MTA Orvosradiologiai Kutatócsoport (Medical Radiological Research  
Budapesti Orvosegyetem Röntgenklinikája (Radiological Clinic, Medical  
Budapest)

ENCL: 00

THRU: 11

ELEKES, Zoltan, dr.  
VARGHA, Endre, dr.; VARKONYI, Sandor, dr.; ELEKES, Zoltan, dr.

Diagnosis of gastrojejunocolic fistulae. Magy. radiol. 8 no.4:  
232-237 Nov 56.

1. AMAV Korhas (Igagato-foorvos: Oo, Lajos, dr.) I. es III.  
Belosztalyanak es Rontgenosztalyanak koslemenye.

(STOMACH, fistula

gastrojejunocolic, x-ray diag. (Hun))

(JEJUNUM, fistula

same)

(COLON, fistula

same)

MIKUSIK, Arpad; VASZKO, Sandor; ELEKES, Zsigmond

What is being done for the success of the export? Munka 14 no.4:  
15-16 Ap '64.

1. Editor, "Vasas" (for Mikusik). 2. Head, Trade Union Production  
Committee, Boloiannisz Telecommunication Factory, Budapest (for  
Vazko). 3. Head, Trade Union Production Committee, Telephone  
Factory, Budapest (for Elekes).



Elekes, I.

The new producer price system in the forestry and wood industry. p. 268

FAIPAR. (Faipari Tudomanyos Egeysulet)  
Budapest, Hungary. Vol. 9, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11  
November 1959  
Uncl.

ELEKTOROWICZ, W.

Fewer mistakes and more initiative in the cultural-recreational activity. p. 11.  
(PRZEMYSŁ GASTRONOMICZNY) Vol. 11, no. 6, June 1956, Warszawa, Poland)

SB: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No.12, Dec. 1957.  
Uncl.

ELELKI, Laszlo, dr.

Some purism. Elet tud 15 no.17:538 24 Ap '60.

1. Az Ertelmezo Szotar tudomanyos munkatarsa, es a Magyar Tudomanyos Akademia Nyelvtudomanyi Intezete munkatarsa.

ELEMENT, N. I.

Cand Chem Sci

Dissertation: "Study of Certain Factors Determining the Catalytic Activity  
of Nickelous Oxide." 6/4/50

Inst of Physical Chemistry, Acad Sci USSR

60 Vecheryaya Moskva  
Sum 71

ELEMENT, N. I.

PA 192T16

USSR/Chemistry - Catalysis

Jul/Aug 51

"Experimental Verification of the Statistical Theory of Catalyst Poisoning. Communication 1. Poisoning of Nickelous Oxide With Boric Acid," S. Z. Roginskii, N. I. Element, Chair of Phys Chem, Moscow Inst of Chem Equipment Constr

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 4, pp 350-360,

Investigated poisoning action of  $H_2PO_3$  on NiO catalyst used in reaction of deep oxidation of 1-octane and obtained isotherms of reaction rate constant against wide range of amt of poison for temps between 3700 and 5500 C. Activation energy

?

192T16

USSR/Chemistry - Catalysis (Contd)

Jul/Aug 51

increased as greater amt of boric anhydride entered catalyst surface. Results indicated that blocking of surface, which had wide range of local activation energies, caused poisoning, and that surface was very nonhomogeneous. Investigation proved for 1st time applicability of statistical theory of poisoning to highly nonhomogeneous surfaces.

192T16

L 13408-63

ASF Pc-4 RM

EWP(j)/EWT(m)/BDS

S/032/63/029/005/022/022

AUTHOR: Element, N. I.

58

TITLE: Device for measurement of the thermal coefficient of linear expansion of polymers with the use of an IZA-2 comparator

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 5, 1963, 625-627

TEXT: A thermostating attachment has been designed for the IZA-2 comparator that permits measurement of linear dimensions with an accuracy of tenths of a micron in the temperature range of -50 to +130°C. At 45°C the relative error in determination of the coefficient is  $\pm 1\%$ . There are 3 figures.

ASSOCIATION: Moskovskiy institut khimicheskogo mashinostroyeniya (Moscow  
Institute of Chemical Machine Building)

lm/ja  
Card 1/1

ELEMER, Antal

Operated case of osteochondritis ischio-pubica. Magyar. radiol. 10 no.3:  
162-164 Sent 58.

1. A vapalotai Varosi Tamas Rendelointezete (igazgato: Batany Emil dr.)  
rontgenosztalyanak (foorvos: Antal Elemer dr.) kozlemenye.

(OSTEOCHONDRITIS, case reports  
ischio-pubic (Hun))

(ISCHIUM, dis.  
osteochondritis, ischio-pubic, case report (Hun))

(PUBIC BONE, dis.  
same)

ELEMER, Antal, dr.; DAKOS, Iaszlo, dr.

Possibilities of immunization against silicosis. II. Orv. hetil.  
106 no.4:157-158 24 Ja '65

1. Komloi Szénbányászati Troszt, Szilikózis-kutató Csoport.



TORJESCU, V.; ELENA, Aldea

Determination of alimentary proteins by a mercurimetric method.  
Rev. igiena microb. epidem., Bucur. no.3:73-80 July-Sept 54.

1. (Lucrare executata in Laboratorul de Igiena al Sanepidului  
Tr. Severin).

(PROTEINS, determination  
in foods, mercurimetric method)

(FOOD  
proteins, determ. by mercurimetric method)

(MERCURY  
mercurimetric method of determ. of alimentary proteins)

BRENNER, A.I., inzh.; ELENBOGEN, G.N., inzh.

Construction of the tower foundations of the 330 kv. power transmission line between the Konakovo State Regional Electric Power Plant and Kalinin at the crossing of the Volga River. Energ. stroi. no.32: 71-78 '62. (MIRA 16:5)

1. Trest "Mosstroyelektroperedachi".

ELENER, GY.; VADASZ, E.

ELENER, GY.; VADASZ, E. Continuous cleaning of steam turbine condensers.  
p. 460.

Vol. 8, No. 12, Dec. 1955.

MAGYAR ENERGIAGAZDASAG.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

ELENESKU, Anna

[120 dishes prepared with potatoes] 120 fliud iz kartofelia.  
Bukharest, 1961. 70 p. (MIRA 15:4)  
(Cookery (Potatoes))

BOZHOV, I.; ELENKOV, D.

On the effect of surface-active substances on the absorption rate of some gases. Doklady BAN 16 no.3:277-280 '63.

1. Submitted by Academician D. Ivanoff [Ivanov, D.].

ELENKOV, D.; IKONOPISSOV, S. [Ikonopisov, S.]; MANKOV, N.

Effect of surface-active substances on absorption rate of sulfur dioxide in water under static conditions. Doklady BAN 16 no.3:269-272 '63.

1. Submitted by Academician D. Ivanoff [Ivanov, D.], Member of the Editorial Board, "Doklady Bolgarskoy Akademii nauk".

ELENKOV, Dim., dots. inzh.

The great chemistry. Nauka i tekhnika mladezh 15 no. 2: 1-3  
F '63.

1. Chlen na Redaktsionnata kolegiia, "Nauka i tekhnika za mladezhta".

LEONOV, D.; LAMIN, St.

Extraction of some varieties of plant pharmaceutical raw materi-  
als. Trud K. m-farmatsevt inst 4:22-24 '64.



ELENKO, DIATR II

# **RULG.**

Differentiation of ethylenic isomerism from physical polymorphism by the use of paper chromatography. Dimitri Elenkov. Bull. inst. chim. acad. bulgare sci. 2, 177-89 (1953). *Compt. rend. acad. bulgare sci.* 3, No. 2/3, 17-20 (1953) (French summary).—By the use of paper chromatography the following pairs of ethylenic isomers were resolved: fumaric and maleic acids, *cis*- and *trans*-cinnamic acids, citraconic and mesaconic acids. The following polymorphic mixts. could not be sepd.: cinnamic acids, m. 63, 57, and 42°;  $\text{ClCH}_2\text{CO}_2\text{H}$ , m. 61.2 and 60.2°; and glycolic acids, m. 78 and 63°. G. Meguerian

MS 224

ELENKOV, D.

ELENKOV, D. Coordination numbers and hydration of the ions  $\text{Na}^+$ ,  $\text{K}^+$ ,  $\text{Cl}^-$ ,  $\text{Br}^-$ ,  $\text{NO}_3^-$ ,  $\text{SO}_4^{2-}$  in water solutions. p. 67 Vol. 3, 1955  
IZVESTIYA. Sofia, Bulgaria.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 April 1957

15  
Absolute rate of evolution of system

*ELENKOV, Dim.*

BULGARIA/Chemical Technology, Chemical Products and Their  
Application, Part 1. - Processes and Apparatus  
of Chemical Technology.

H-2

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32743.

Author : Elenkov, Bozhov,

Inst : Academy of Sciences of Bulgaria.

Title : Influence of Surface Active Substances on Absorption  
and Desorption Rates of Acetylene by Water.

Orig Pub: Dokl. Bulg. AN, 1957, 10, No 1, 25-28.

Abstract: The influence of Nekal (sodium salt of isobutyl- $\beta$ -  
naphthalenesulfonic acid) and OP-10 (polyethylene-  
glycol ester of isooctylphenol) on the absorption  
and desorption rates of acetylene by water was stu-  
died. It was found that both these substances de-  
crease the absorption and desorption rates; at

Card : 1/2

BULGARIA/Chemical Technology, Chemical Products and Their  
Application, Part 1. - Processes and Apparatus of  
Chemical Technology.

H-2

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32743.

this occasion, the absorption rate depends only on  
the absorbent rate, i.e., the magnitude of the re-  
sistance on the side of the liquid is determining.

Card : 2/2

4

COUNTRY : Bulgaria  
CATEGORY :  
ABS. JOUR. : AZKhim., no. 22 1959, No. 78816  
AUTHOR : Elenkov, D.  
M.F. : Not given  
TITLE : Adsorption in Industry  
  
ORIG. PUB. : Biol i Khimiya (Bulgaria), 2, No 1, 25-30 (1959)  
ABSTRACT : A brief description is given of adsorption theory  
and of industrial adsorption processes.  
v. Gertsoskiy

CARD: 1/1

ELENKOV, D.

"Principles of the theory of analogy."

KHIMIJA I INDUSTRIJA, Sofia, Bulgaria, Vol. 31, no. 1, 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, <sup>Sept</sup> Jun 59,  
Unclas

MIREV, Dimitur, prof. d-r [deceased]; ELENKOV, D.; BALAREV, Khr.

Absorption rate of pure gases. Izv Inst khim BAN no.8:61-72  
'61.

Influence of some surface-active substances on the absorption  
rate. 73-81



STANEV, St.; ELENKOV, D.

~~Extraction of some plant pharmaceutical raw materials.~~  
Godishnik khim tekhn 8 no.2:117-125 '61 [publ. '62].

ELENKOV, D.

26

- Sofia, Polzheny Polzheny Mezheny Mezheny, Vol 14, no 3, 1961
1. Distribution of Tangential Planes to Surfaces of the Congruence of Straight Lines in the Hyperbolic Space. A. MAKREY, pp 235-237.
  2. "Measuring the Activation Energy of Adsorption Levels in Lead Sulfide". MAKREY and MAKREY, pp 239-242 (English Summary)
  3. "A New Precise Differential Manometer for Laboratory Purposes". MAKREY and MAKREY, pp 243-246.
  4. Microquantitative Determination of Chlorine and Iodine Ions. MAKREY and MAKREY, pp 247-250.
  5. "Comparative Amino Acid Content of the Meats of Some Put Fishes". MAKREY, pp 251-254.
  6. "One Method of Removing Sulfur from The Krumkovi Limestone". MAKREY, pp 255-257.
  7. "Adsorption of Nitrogen Oxides in the Vibrating Phase of Sodium Hydroxide Solution". MAKREY, pp 258-262. MAKREY, MAKREY and MAKREY, pp 263-266.
  8. "On the Rate of Absorption of Pure Gases". MAKREY, MAKREY and MAKREY (in English), pp 267-270.
  9. "Effect of Some Inorganic Additives on the Reduction of Copper Oxide by Carbon Dioxide at Low Temperatures". MAKREY, MAKREY and MAKREY, pp 271-274.
  10. "Bacterites from the Red Sea Mine, Panaghyr Basin". MAKREY, pp 275-278 (English Summary).
  11. "Aluminum Saponite from Svetluka, Ardin Basin". MAKREY, pp 279-281 (English Summary).
  12. "Regarding the Experimental Variability of Escherichia coli". MAKREY, pp 282-284.
  13. "Studies on the Formation of Capsule by Certain Strains of Bacillus anthracis in vitro". MAKREY, pp 285-288.
  14. "Antimotility and the Reticulo-endothelial System Fixation Activity in Mice Treated with Oxidized Iron Sulfate". MAKREY, MAKREY, MAKREY and MAKREY, pp 289-290.
  15. "Electron Microscopic Study of Lungs of Snakes". MAKREY, pp 291-294.
  16. "Human Leptospirosis Due To Leptospira Sanguinolens in Bulgaria". MAKREY, pp 295-298.

MIREV, D.; ELENKOV, D.; BALAREV, C.

Effect of certain surface active agents on the rate of absorption.

1. Chemistry. Doklady RAN 14 no.4:349-352 '61.

1. Submitted by Academician D. Ivanov.

ELENKOV, D.; IKONOPTSOV, S.

Influence of surface-active substances on the speed of absorption.  
Godishnik khim tekhn 7 no.1/2:137-148 '60 [publ. '61].

ELENKOV, D.; STANEV, St.

Extraction of some vegetable pharmaceutical raw materials.  
Godishnik khim tekhn 7 no.1/2:149-162 '60 [publ. '61].

ELENKOV, Dim., dots.

Profession of a chemist. Nauka i tekhn mladezh 14 no.3:20-21 Mr '62.

BOZHOV, Iv.; ELENKOV, D.

Influence of surface-active substances on the speed of gas  
absorption. Godishnik khim tekhn no. 1:203-214 '62 [publ. '63].

ELENKOV, D.; BALAREW, C. [Balarev, Khr.].

Effect of certain surface active agents of the sodium  
alkylsulphate type on the rate of absorption. Doklady  
BAN 16 no.2:153-156 '63.

1. Institute of General and Inorganic Chemistry, Bulgarian  
Academy of Sciences, Sofia.



ELENKOV, D.; ASSENOV, A. [Asenov, A.]

Study of mass transfer between solid phase and falling-liquid film by means of gypsum. Doklady BAN 16 no.7:737-740 '63.

1. Submitted by Academician D. Ivanoff [Ivanov, D.]. Chlen Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii nauk".

ELENKOV, D.; PANEV.P.

Influence of surface-active substances on the velocity of  
choking at the motion of separated drops in the extraction  
column of the Blanding-Elgin type. Khim i industriia 35  
no.5:167-170 '63.

ELENKOV, D.; BOJADGIEV, C. [Boiadzhiev, C.]

Effect of gas velocity, relative liquid expenditure and surface-active agents on Venturi scrubber. pressure loss. Doklady BAN 17 no.6:561-564 '64.

1. Submitted by Academician D. Ivanov.

BOGDANOV, L. [Boledzhiev, L.]; KUMAROV, G., "On the hydrodynamics of laminar liquid films containing surface-active agents. Doklady BAN 17 no.10-944-946 1964.

On the hydrodynamics of laminar liquid films containing surface-active agents. Doklady BAN 17 no.10-944-946 1964.

1. Institute of General and Inorganic Chemistry of the Bulgarian Academy of Sciences, Sofia 13. Submitted July 1, 1964.

L 34504-66 EWT(1)/EWP(m) IJP(c) WW

SOURCE CODE: BU/0011/65/018/010/0935/0938

ACC NR: AP6024748

AUTHOR: Boyadzhiev, L.; Elenkov, D.; Kyuchoukov, G.

ORG: Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences

TITLE: Liquid-liquid extraction in a turbulent flow

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 935-938

TOPIC TAGS: liquid flow, turbulent flow, fluid diffusion, fluid dynamics

ABSTRACT: In an earlier paper, the authors established (Compt. rend. Acad. bulg. Sci., 18, 1965, No 8, 755) an expression for the mass transfer coefficient of the continuous phase for the case of turbulent flow extraction whenever the droplets of the dispersed phase behave like solid spheres. However, in a number of cases the surface of the droplets circulates freely causing an increase in the transfer rate. Consequently, formulae are proposed for the other extreme case as well as interpolation expressions for the intermediate region. It is also known, however, that an extraction under turbulent conditions is quite frequently accompanied by a coalescence with a subsequent break-up of the drops. Although these cases are of great practical interest, no attempt at quantitative or even semi-quantitative interpretation of the transfer process has been made so far. The authors carried out experiments in straight pipes of varying lengths at

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0915 2580

L 34505-66

ACC NR: AP6024748

Re numbers of  $\sim 10^4$  for two-phase flows comprising a  $[CO_2]_d \leftarrow J_2 \leftarrow [H_2O]_c$  model extraction system. An analysis of the experimental data shows that under the above mentioned experimental conditions the solute transfer mechanism is represented essentially by a continuous diffusion process. It definitely rules out the possibility that the coalescence-redispersion mechanism may cause the interphase renewal. This paper was presented by Academician D. Ivanov on 12 July 1965. Orig. art. has: 3 figures and 7 formulas. [Orig. art. in Eng.] [JPRS: 34,805]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 002  
OTH REF: 004

Card 2/2 mQJ

I. 34504-66 EWT(1)/EWP(m) IJP(c) WW

ACC NR: AP6024748

SOURCE CODE: BU/0011/65/018/010/0935/0938

AUTHOR: Poyadzhiev, L.; Elenkov, D.; Kyuchoukov, G.

50  
B

ORG: Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences

TITLE: Liquid-liquid extraction in a turbulent flow

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 935-938

TOPIC TAGS: liquid flow, turbulent flow, fluid diffusion, fluid dynamics

ABSTRACT: In an earlier paper, the authors established (Compt. rend. Acad. bulg. Sci., 18, 1965, No 8, 755) an expression for the mass transfer coefficient of the continuous phase for the case of turbulent flow extraction whenever the droplets of the dispersed phase behave like solid spheres. However, in a number of cases the surface of the droplets circulates freely causing an increase in the transfer rate. Consequently, formulas are proposed for the other extreme case as well as interpolation expressions for the intermediate region. It is also known, however, that an extraction under turbulent conditions is quite frequently accompanied by a coalescence with a subsequent break-up of the drops. Although these cases are of great practical interest, no attempt at quantitative or even semi-quantitative interpretation of the transfer process has been made so far. The authors carried out experiments in straight pipes of varying lengths at

Card 1/2

I 34504-66  
ACC NR: AP6024748

Re numbers of  $\sim 10^4$  for two-phase flows comprising a  $[\text{CCl}_4]_d \leftarrow J_2 \leftarrow [\text{H}_2\text{O}]_c$  model extraction system. An analysis of the experimental data shows that under the above mentioned experimental conditions the solute transfer mechanism is represented essentially by a continuous diffusion process. It definitely rules out the possibility that the coalescence-redispersion mechanism may cause the interphase renewal. This paper was presented by Academician D. Ivanov on 12 July 1965. Orig. art. has: 3 figures and 7 formulas. [Orig. art. in Eng.]  
[JPRS: 34,805]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 002  
OTH REF: 004

Card 2/2 m25



ELENKOV, D.

CZECHOSLOVAKIA

BOJADZIKV, L; ELENKOV, D

Institute of General and Inorganic Chemistry,  
Bulgarian Academy of Sciences, Sofia - (for both)

Prague, Collection of Czechoslovak Chemical Communications,  
No 10, October 1966, pp 4072-4079

"Studies on extraction. Part 8: On the size of drops  
in a Venturi extractor under turbulent conditions."

ELEKOV, G.: BOIADZHIEV, A.

Hydrometallurgical extraction of manganese from poor manganese carbon ores with ammonium sulfate. p. 18.

TEZHKA PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofia, Bulgaria.  
Vol. 8, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAL) LC, Vol. 9, No. 2, Feb. 1960.  
UNCL

L 30001-66 T JK  
ACC NR: AP6020090

SOURCE CODE: RU/0017/65/020/001/0014/0017

AUTHOR: Petrov, H. (Lieutenant colonel of the medical service); Elenkov, H. (Lieutenant colonel of the medical service); Terziyski, G. (Lieutenant colonel of the medical service)

ORG: none

TITLE: Two outbreaks of staphylococcal food poisoning <sup>6</sup>

SOURCE: Voenno-meditsinsko delo, v. 20, no. 4, 1965, 44-47

TOPIC TAGS: food sanitation, human ailment, bacteriology, military medicine

ABSTRACT: During 1961-1963, staphylococcal food poisonings increased to 31.2% of all cases of food poisoning in Bulgaria; in the armed forces in 1963, of 8 cases of food poisoning, 4 were ascribable to staphylococci. Two outbreaks involving 39 and 12 military personnel are described in detail: in the first, the cook preparing cutlets had an infected hand wound; in the second case, the cook was a "hand-" carrier. Phage and other detailed bacteriologic data. [JPRS]

SUB CODE: 06 / SUMMARY DATE: none / OTI REF: 005 / SOV REF: 003

Card 1/1

RUMANIA

KUPENOV, N., Prof. Colonel; BAEV, D., Lieutenant-Colonel; PETROV, M., Lieutenant-Colonel; and ELENKOV, G., Lieutenant-Colonel (People's Republic of Bulgaria)

"Considerations on the Importance of Serum Hepatitis in the Bulgarian People's Army"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 292-294

Abstract: Data on infectious serum hepatitis in Bulgaria, especially in the Bulgarian People's Army: 1957 to 1964 the incidence ranged from 140 in 1963 to 202 in 1961; by month (total all 8 years) from 71 in June to 144 in August; total all 8 years, 1,306 cases. Contamination with needles used in vaccination, laboratory tests, and transfusions seem to be the mode of transmission. 2 tables.

Epidemiology

BULGARIA

KUPENOV, N., and PETROV, M., Colonels of the Medical Service;  
BAEV, V., and ELENKOV, G., Lieutenant-Colonels of the Medical  
Service.

"Epidemiology of Infectious Hepatitis in the People's Army"

Sofia, Voenno Meditsinsko Delo, Vol 21, No 1, Feb 66, pp 51-56

Abstract: The epidemiology of infectious hepatitis in the Bulgarian army in 1953-1964 was studied. During this period there was a slightly rising trend in the incidence of infectious hepatitis in the Bulgarian army and in Bulgaria in general. The study indicated that individual cases of the disease among military personnel, which were more frequent than those associated with localized outbreaks in the army, were due primarily to contacts with the civilian population. Investigation of sanitary conditions in detachments in which epidemic outbreaks occurred led to the conclusion that the principal mechanism of transmission was intestinal. The outbreaks generally occurred in the summer months, when intestinal diseases were prevalent. In some detachments, occurrence of infectious hepatitis preceded or accompanied outbreaks of dysentery. There were no indications that infectious hepatitis in the army was transmitted by the air droplet mechanism or by inoculation into the blood stream. Tables and graphs, 16 references (4 Bulgarian, 2 Western). Russian summary.

1/1

KHADZHIDEKOV, G.; VELICHKOV, L.; ELENKOV, P.

Acral familial osteolysis. Vest. rent. i rad. 40 no.2:60-61  
Mr-Apr '65. (MIRA 18:6)

1. Kafedra rentgenologii i radiologii (zav.- prof. G.Khadzhidekov)  
Instituta spetsializatsii i usovershenstvovaniya vrachey i  
kafedra rentgenologii i radiologii (zav.- prof. A. Nikolayev)  
Vysshego meditsinskogo instituta, Sofiya.

*Elenkov, T.P.*

**TOSHKOV, As.; ELENKOV, T.P.**

Bacteriological force of lysozyme in tears in normal conditions and in eye diseases. *Suvrem.med.*, Sofia 6 no.9:35-39 1955.

1. Iz Nauchnoissledovatelakiia institut po epidemiologia i mikrobiologia (direktor: Vl.Kalaidshiev) i Voennata bolnitsa pri MVR (nachalnik: Ivanov)

(EYE, diseases,

tear bacteriol. & lysozyme content (Bul))

(LYSOZYME,

in tears in normal cond. & eye dis., relation to bacteriol. (Bul))

(LACRIMAL APPARATUS,

tears, relation of lysozyme content to bacteriol. in normal cond. & eye dis. (Bul))

ELENKOVA, N.

Distr: 4E3b

7  
Polarographic study of the As(III)-tartaric acid complex.

A. Trifonov and N. Elenkova, *Bulgar. Akad. Nauk.*

*izest. Khim.*, *vol.* 4, 35-61(1958)(Russian and German

summaries).—Well-defined polarographic waves for As(III)

were obtained by using the  $\text{Na(AsO)}_2 \cdot 2\text{H}_2\text{O}$  complex vs. the

dropping Hg electrode, in aq. acid and alk. solns.

A. Madjem - -

4  
- pag (NB)

9-9



Polarographic investigation of the arsenic(III) complex with tartaric acid. A. Antonov and N. Klenova (Ukr. Soviet Acad. Sci., Sofia). Z. physik. Chem. (Leipzig) 205, 123-37 (1953).—Expts. were conducted with Na tartrato-arsenite (I) to find the exptl. conditions for obtaining polarographic steps proportional to the As concn. In the presence of an inert electrolyte, e.g. 0.1M Na<sub>2</sub>SO<sub>4</sub>, KCl, KNO<sub>3</sub>, or CaCl<sub>2</sub>, well-formed polarographic steps were obtained from solns. of I, a direct and linear proportionality relating the height of the steps and the As concn. in the range of 10<sup>-4</sup>–10<sup>-2</sup> mole H<sub>2</sub>AsO<sub>3</sub>. A scheme of the electrode process was suggested, viz.  $\text{HOOCCH(OH)CH(OAsO}_3\text{)COO}^- + 3e^- + 3\text{H}^+ \rightarrow \text{HOOCCH(OH)CH(OH)COO}^- + \text{As} + \text{H}_2\text{O}$ . Friedrich Epstein.

6

PM

ELENKOVA, N.

Influence of buffer anions on the height of polarographic  
degrees in metallic ions in the studies of complexes. Pts. 1-2.  
Godishnik khim tekhn 8 no.1:113-134 '61 [publ. '62].

ELENKOVA, N.

Polarographic studies of metal complexes. Pts. 1-2.  
Godishnik khim tekhn 8 no.2:1-16 '61 [publ. '62].

BELENOVA, N.; TODOROVA, G.

New method for amperometric determination of As (III) by  
titration with tartaric acid. Godishnik khim tekhn no. 1  
31-35 '62 [publ. '63].

L 15615-66 EWF(j)/T RM

ACC NR: AP6008211

SOURCE CODE: BU/0011/65/018/004/0347/0350

AUTHOR: Elenkova, N.

ORG: Chemico-Technologic Institute, Darvenitsa-Sofia

TITLE: Polarographic study of the dissociation rate of the cadmium complex of  
nitrilotriacetic acid in acetate buffer

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 347-350

TOPIC TAGS: polarographic analysis, organocadmium compound, organic nitrile  
compound, acetic acid, aliphatic polycarboxylic acid, physical chemistry

ABSTRACT: The recombination of the cadmium complex of  
nitrilotriacetic acid was investigated by various authors (see, e.g., P. Popoff,  
J. Amer. Chem. Soc., 81, 1959, 3254). Since in acetate media the free acetic  
acid can also participate in the dissociation of the cadmium complex, the  
authors investigated and determined the partial rates of the individual proton  
consumers, i.e., of  $H_3O^+$ ,  $H_2O$ , and the acetic acid. The concentration of the  
active form was in all the experiments comparable to the concentration of the  
inactive form. Consequently, it seems highly probable that the limiting  
current is composed of a diffusion and a kinetic component. The paper was  
Card 1/2

L 15615-66

ACC NR: AP6008211

submitted by Academician D. Ivanov, 16 December 1964. Orig. art. has: 4 figures  
and 8 formulas. JPRS

SUB CODE: 07 / SUBM DATE: none / OTH REF: 002 / SOV REF: 006

TS  
Card 2/2

L 39543-66 EWP(j)/T GD/RM

ACC NR: AP6008212

SOURCE CODE: BU/0011/65/018/004/0351/0354

AUTHOR: Elenkova, N.; Ilceva, L.

ORG: Chemico-Technologic Institute, Darvenitsa-Sofia

TITLE: pHg-metric and polarographic study of the stability of complexes of BI...  
with ethylene diaminotetraacetic acid

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 351-354

TOPIC TAGS: polarographic analysis, aliphatic polycarboxylic acid, organobismuth compound, physical chemistry, stability constant, hydrogen ion, ion concentration

ABSTRACT: In view of the existing contradictory values for the stability constant of the  $BiY$  complex in presence of the ethylene diaminotetraacetic acid and the general scarcity of data concerning the above mentioned complex, the authors studied in details its production and its properties by means of pHg-metric and polarographic methods. The average value of the stability constant is  $lg K_{BiY} = 30.5 \pm 0.7$  at  $25.0^\circ C$  and  $\mu = 1.0$ , and  $28.8 \pm 0.4$  at  $25.0^\circ C$  and  $\mu = 0.01$ . The paper was submitted by Academician D. Ivanov, 16 December 1964. Orig. art. has: 2 figures and 6 formulas. [JPRS]

Card 1/2

L 39543-66

ACC NR: AP6008212

SUB CODE: 07 / SUBM DATE: none / OTH REF: 006 / SOV REF: 006

Card 2/2 vmb



ELENPORT, T.B.

Methodology of the quantitative determination of urobilin. Sov. zdrav.  
Kir. no.1:59-61 Ja-7 '62. (MIRA 15:4)

1. Iz Kirgizskogo nauchno-issledovatel'skogo instituta onkologii  
i radiologii (direktor - prof. A.I.Sayenko).  
(UROBILIN)


ELENSKI, D.

A Productive Conference with the Chief Engineer of Enterprises of the Cotton Industry. Leka Promishlenost (Light Industry), #10:39:Oct 54

ELENTSVAYG, F.; SHCHEGLOV, V.

We are working in close cooperation. Rech. transp. 24 no.8:16 '65.  
(MIRA 18:9)

1. Zamestitel' nachal'nika Omskogo porta (for Elentsvayg). 2. Zamestitel' nachal'nika gruzovogo otdela Omskogo otdeleniya zheleznoy dorogi (for Shcheglov).



PA 4178

ELENTUKH, I. I.

USSR/Communications  
Telephones - Apparatus

Jan 1948

"Improvement of Equipment at Stepper ATS," I. I.  
Elentukh, Engr, 2 pp

"Vest Svyazi, Electro-Svyaz'" No 1 (94)

Offers two main sections: First deals with variations adopted in the system of the universal TLS to enable use of it in the capacity of a TLSM. Second discusses apparatus which can be used to check output from various fields (poles) of ATS apparatus. Both innovations were developed at the Minsk ATS for intercity telephone communications. Well illustrated with circuit diagrams.

LC

4178

ELENTUKH M. E.

Country :USSR  
 Category :Farm Animals. 4-1  
 General Problems.  
 Abs. Jour :Ref Zhurn-Biol., No 14, 1956, 43974  
 Author :Elentukh, M. E.  
 Institut. :-  
 Title :Fodder Characteristics of Ussurian Paizum.

Orig Pub. :Zhivotnovodstvo, 1956, No 1, 33-34

Abstract :Paizum - an annual crop - is cultivated in the Far East and in some regions of the European USSR. It is recommended that this plant should be cultivated, as it is a highly productive crop requiring little care. It may be utilized as a good feed for poultry (grain), for pigs and horses (ground grain), for cattle (straw), and also in the form of green mass, hay or silage.

Primorskiy State Sel'skokhozyaystvennaya  
 Card: 1/1 opyrnaya stantsiya

BA ~~LE~~LENTUKH, M.P.

3074. COMPOSITE STUDY OF PRECIPITATES. A.V. Nikol'sev and M.P. Lelentukh (J. anal. Chem. USSR, 1952, 7, 21-33). The determination of characteristics such as the coefficient of filtration and the rate of sedimentation are described and exemplified in the case of ppt. of  $\text{CaSO}_4$ ,  $\text{Mg}(\text{OH})_2$  and  $\text{Al}(\text{OH})_3$ . Numerical values can be given as a result of simple experiments under various conditions of pptn. and filtration, and the data now presented and those to be obtained later for other ppt. should be valuable for characterising ppt. for analytical and preparative purposes.

G.S. Smith

(CA 47 no.19: 9845 '53)

*Technical Analysis in Nonferrous Metallurgy*  
SUVOROVSKAYA, Natal'ya Aleksandrovna; TITOV, Valeriy Ivanovich; BRODSKAYA, Valentina Mikhaylovna; VASIL'YEV, Pavel Ivanovich; LIPSHITS, Bella Moiseyevna; ~~BLINTIKH, Mariya Pavlovna~~; TROITSKAYA, M.I., kand.tekhn.nauk, retsenzent; POMERANTSEV, I.N., kand.tekhn.nauk, retsenzent; KOZPUKHOVA, M.A., kand.tekhn.nauk, retsenzent; VAGINA, N.S., red.; KOSOLAPOVA, E.F., red.izd-va; VAYNSHTEYN, Ye.B., tekhn.red.

[Technical analysis in nonferrous metallurgy] Tekhnicheskii analiz v tsvetnoi metallurgii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1957. 567 p. (MIRA 11:2)  
(Nonferrous metals--Metallurgy)

KULL', A.T.: HELENUM, A.A.

Thermal treatment of Dictyonema shale. Gaz.prom. 4 no.6:20-  
23 Jo '59. (MIRA 12:8)

(Oil shales)



ELENURM, A. A., Cand Tech Sci -- (diss) "Research into the process of thermal pre-treatment of dictyonemic schist with the use of a hard heat conductor." Tallin, 1960. 48 pp with charts; (Academy of Sciences Estonian SSR, Division of Physics-Mathematics and Technical Sciences); 200 copies; free; (KL, 26-60, 139)

ELENURM, A. A.

Effect of the inorganic part of shale on the distribution of sulfur  
by thermal processing of shale with a carrier of solid (ash) heat.  
Eesti tead akad tehn tuus 9 no.1:82-89 '60. (EKA 9:9)

1. Eesti NSV Teaduste Akadeemia, Keemia Instituut, Tallinn  
(Shale) (Sulfur)

KYLL', A. [Kõll, A.], kandidat khimicheskikh nauk; LAUS, T.; ELENURM, A.

The two-stage thermal processing of shale. Eesti tead akad tehn fuus  
9 no.2:105-112 '60.  
(EBAI 9:12)

1. Institut khimii, Akademii nauk Estonskoy SSR.  
(Shale)

ELENURM, Kh.

Rational management is based on the analysis of the profitability of production branches.

P. 337, (Sotsialistlik Põllumajandus) Vol. 12, no. 8, Aug. 1957, Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957